



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : A61K	A2	(11) International Publication Number: WO 00/01349 (43) International Publication Date: 13 January 2000 (13.01.00)
<p>(21) International Application Number: PCT/US99/15062</p> <p>(22) International Filing Date: 1 July 1999 (01.07.99)</p> <p>(30) Priority Data: 60/091,431 1 July 1998 (01.07.98) US 60/133,435 11 May 1999 (11.05.99) US</p> <p>(71) Applicant (for all designated States except US): THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA [US/US]; Suite 300, 3700 Market Street, Philadelphia, PA 19104 (US).</p> <p>(72) Inventors; and (75) Inventors/Applicants (for US only): MURALI, Ramachandran [IN/US]; 41-6 Revere Road, Drexel Hill, PA 19026 (US). GREENE, Mark, I. [US/US]; 300 Richters Mill Road, Penn Valley, PA 19072 (US).</p> <p>(74) Agents: MACKIEWICZ, John, J. et al.; Woodcock Washburn Kurtz Mackiewicz & Norris LLP, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).</p>		<p>(81) Designated States: AU, CA, JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).</p> <p>Published <i>Without international search report and to be republished upon receipt of that report.</i></p>
<p>(54) Title: CAVITY INDUCED ALLOSTERIC MODIFICATION OF INTERMOLECULAR INTERACTIONS AND METHODS OF IDENTIFYING COMPOUNDS THAT EFFECT THE SAME</p> <p>(57) Abstract</p> <p>Method of identifying compounds that modulate intermolecular interactions between a target protein and a modifier are disclosed. Pharmaceutical composition comprising compounds that inhibit intermolecular interactions between a target protein and a modifier are disclosed. Methods of treating individual suffering from inflammatory conditions, undesirable immune responses, immunological conditions and bacterial infections are disclosed.</p>		